Shorthand notation attributes - font

`Font` is an all-in-one property for specifying a nearly complete set of font-related traits, namely:

- `font-family`
- `font-size`
- `font-weight`
- `font-style`
- `font-variant`
- `line-height`
- `font-size-adjust`
- `font-stretch`

Once applied, the shorthard sets **all** these values to their default values. Be careful: silently overriding `line-height` or `font-size-adjust` by this property can easily give rise to confusion.

In what follows, we test several examples of `font` values and see their interation with inherited font traits. The block of text that containg attributes being tested is marked by a light gray background. The expected trait values for the text are listed on the left.

It is still unclear whether specifying `normal` trait values inside the shorthand make sense. We have included some tests on this; however, implementations that don't support them can hardly be blamed for that.

font-family: **Helvetica**

font-size: **12 pt**

font-weight: **normal**

font-style: **normal**

font-variant: **normal**

line-height: **normal**

This is a surrounding text. Its traits are as follows: `font-family="Times"`, `font-size="12pt"`, `font-size-adjust="0.3"`, `font-weight="bold"`, `font-style="italic`, `font-stretch="condensed"`, `font-variant="small-caps"`, `line-height="1"`. *None of these properties should leak into the test box.*

This is a test box. The font is set to "12pt Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="12pt Helvetica", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "12pt Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="12pt Helvetica",
font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique", font-stretch="expanded",
font-variant="normal", line-height="1.8". This
text should be same as surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Times**	
font-size: **11 pt**	
font-weight: **bold**	
font-style: **normal**	
font-variant: **normal**	
line-height: **normal**	

This is a surrounding text. Its traits are as follows: `font-family="Times"`, `font-size="12pt"`, `font-size-adjust="0.3"`, `font-weight="bold"`, `font-style="italic`, `font-stretch="condensed"`, `font-variant="small-caps"`, `line-height="1"`. *None of these properties should leak into the test box.*

This is a test box. The font is set to "bold 11pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="bold 11pt Times", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "bold 11pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="bold 11pt Times",
font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique", font-stretch="expanded",
font-variant="normal", line-height="1.8". This
text should be same as surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Times**

font-size: **11 pt**

font-weight: **normal**

font-style: **italic**

font-variant: **normal**

line-height: **1.5**

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "italic 11pt/1.5 Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="italic 11pt/1.5 Times", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "italic 11pt/1.5 Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="italic 11pt/1.5
Times", font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique", font-stretch="expanded",
font-variant="normal", line-height="1.8". This
text should be same as surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Times**	

font-family: **Times**

font-size: **11 pt**

font-weight: **normal**

font-style: **normal**

font-variant: **small-caps**

line-height: **9pt**

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "small-caps 11pt/9pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="small-caps 11pt/9pt Times", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "small-caps 11pt/9pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="small-caps 11pt/9pt
Times", font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique", font-stretch="expanded",
font-variant="normal", line-height="1.8". This
text should be same as surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Courier**	
font-size: **13 pt**	
font-weight: **bold**	
font-style: **italic**	
font-variant: **normal**	
line-height: **normal**	

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "bold italic 13pt Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="bold italic 13pt Courier", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "bold italic 13pt Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="bold italic 13pt Courier", font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique", font-stretch="expanded", font-variant="normal", line-height="1.8". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

font-family: **Helvetica**	This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.
font-size: **10 pt**	
font-weight: **normal**	*This is a test box. The font is set to "italic small-caps 10pt Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.*
font-style: **italic**	
font-variant: **small-caps**	This is a test box: font="italic small-caps 10pt Helvetica", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.
line-height: **normal**	

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "italic small-caps 10pt Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="italic small-caps 10pt
Helvetica", font-family="Courier",
font-size="8pt", font-size-adjust="none",
font-weight="normal", font-style="oblique",
font-stretch="expanded", font-variant="normal",
line-height="1.8". This text should be same as
surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Times**	This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "small-caps oblique 10pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="small-caps oblique 10pt Times", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "small-caps oblique 10pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="small-caps oblique
10pt Times", font-family="Courier",
font-size="8pt", font-size-adjust="none",
font-weight="normal", font-style="oblique",
font-stretch="expanded", font-variant="normal",
line-height="1.8". This text should be same as
surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Times**
font-size: **10 pt**
font-weight: **normal**
font-style: **oblique**
font-variant: **small-caps**
line-height: **normal**

font-family: **Courier**

font-size: **9 pt**

font-weight: **700**

font-style: **italic**

font-variant: **normal**

line-height: **2**

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "normal italic 700 9pt/2 Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="normal italic 700 9pt/2 Courier", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "normal italic 700 9pt/2 Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="normal italic 700 9pt/2 Courier", font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique", font-stretch="expanded", font-variant="normal", line-height="1.8". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**	
font-size: **11 pt**	
font-weight: **bold**	
font-style: **normal**	
font-variant: **normal**	
line-height: **150%**	

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "normal bold normal 11pt/150% Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="normal bold normal 11pt/150% Times", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "normal bold normal 11pt/150% Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="normal bold normal
11pt/150% Times", font-family="Courier",
font-size="8pt", font-size-adjust="none",
font-weight="normal", font-style="oblique",
font-stretch="expanded", font-variant="normal",
line-height="1.8". This text should be same as
surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Times**

font-size: **9 pt**

font-weight: **normal**

font-style: **normal**

font-variant: **normal**

line-height: **18pt**

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "normal normal normal 9pt/18pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="normal normal normal 9pt/18pt Times", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "normal normal normal 9pt/18pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="normal normal normal
9pt/18pt Times", font-family="Courier",
font-size="8pt", font-size-adjust="none",
font-weight="normal", font-style="oblique",
font-stretch="expanded", font-variant="normal",
line-height="1.8". This text should be same as
surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Helvetica**

font-size: **10 pt**

font-weight: **normal**

font-style: **normal**

font-variant: **normal**

line-height: **1.5em**

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "normal normal 10pt/1.5em Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="normal normal 10pt/1.5em Helvetica", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

```
This is a surrounding text. Its traits are as
follows: font-family="Courier", font-size="8pt",
font-size-adjust="none", font-weight="normal",
font-style="oblique, font-stretch="expanded",
font-variant="normal", line-height="1.8". None
of these properties should leak into the test
box.
```

This is a test box. The font is set to "normal normal 10pt/1.5em Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

```
This is a test box: font="normal normal
10pt/1.5em Helvetica", font-family="Courier",
font-size="8pt", font-size-adjust="none",
font-weight="normal", font-style="oblique",
font-stretch="expanded", font-variant="normal",
line-height="1.8". This text should be same as
surrounding text.
```

```
The surrounding text continues, with the same
traits as above the test box.
```

font-family: **Times**

font-size: **16 pt**

font-weight: **normal**

font-style: **normal**

font-variant: **normal**

line-height: **normal**

This is a surrounding text. Its traits are as follows: `font-family="Times"`, `font-size="12pt"`, `font-size-adjust="0.3"`, `font-weight="bold"`, `font-style="italic`, `font-stretch="condensed"`, `font-variant="small-caps"`, `line-height="1"`. *None of these properties should leak into the test box.*

This is a test box. The font is set to "normal 16pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="normal 16pt Times", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

`This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.`

This is a test box. The font is set to "normal 16pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

`This is a test box: font="normal 16pt Times", font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique", font-stretch="expanded", font-variant="normal", line-height="1.8". This text should be same as surrounding text.`

`The surrounding text continues, with the same traits as above the test box.`

font-family: **Courier**

font-size: **12 pt**

font-weight: **bold**

font-style: **italic**

font-variant: **small-caps**

line-height: **normal**

This is a surrounding text. Its traits are as follows: font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic, font-stretch="condensed", font-variant="small-caps", line-height="1". None of these properties should leak into the test box.

This is a test box. The font is set to "small-caps italic bold 12pt/normal Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="small-caps italic bold 12pt/normal Courier", font-family="Times", font-size="12pt", font-size-adjust="0.3", font-weight="bold", font-style="italic", font-stretch="condensed", font-variant="small-caps", line-height="1". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "small-caps italic bold 12pt/normal Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

This is a test box: font="small-caps italic bold 12pt/normal Courier", font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique", font-stretch="expanded", font-variant="normal", line-height="1.8". This text should be same as surrounding text.

The surrounding text continues, with the same traits as above the test box.